

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APP. NO. 09/825,930

A3
cont and 342b provided in the top ground layer 340 may be used to connect other devices to the radio filter. For example, the stripline 342a may be used to connect an antenna, and the stripline 342b may be used to connect with another signal processing device.

IN THE CLAIMS:

Please cancel claims 1-3 without prejudice or disclaimer.

Please enter the following amended claims:

Sub B1
4. (Amended) A radio-filter of combline structure with a capacitor compensation circuit, comprising:
a plurality of input terminals;
a plurality of output terminals;
a stripline filter having at least one pair of striplines arranged between first input and output terminals for filtering input signals through said first input terminal to select signals of a given frequency band for delivery to said first output terminal, each of said striplines having a via-hole at each of its respective ends, said first input and output terminals having via-holes;
a top ground layer having second input and output terminals formed of closed loop striplines containing via-holes connected respectively with the via-holes of said first input and output terminals of said stripline filter, and
a capacitor compensator connected to a closed loop stripline connected to a via-hole connected with one of the via-holes of the striplines of said stripline filter to connect said capacitor compensator with one of the striplines of said stripline filter; and

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AH
cont. - *B'* a bottom ground layer connected to other via-holes of the stripline of said stripline filter which are not connected with said capacitor compensator, wherein said other via-holes ground said stripline.
